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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/642,729	08/19/2003	Liao Sheng-Hsin	MR1957-777	3781
4586	7590	03/02/2004	EXAMINER	
ROSENBERG, KLEIN & LEE 3458 ELLICOTT CENTER DRIVE-SUITE 101 ELLICOTT CITY, MD 21043			LUEBKE, RENEE S	
			ART UNIT	PAPER NUMBER

2833

DATE MAILED: 03/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/642,729

Applicant(s)

SHENG-HSIN

Examiner

Renee S. Luebke

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6 and 8-11 is/are rejected.
- 7) ☒ Claim(s) 7 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 August 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

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1. The drawings are objected to because reference numeral 31 in fig. 7 indicates the wrong structure. In addition, reference numeral 38 (page 7, line 1) is not found in the figures. Corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

2. The disclosure is objected to because contrary to page 6, lines 16-19, etc. the pins 31 do not unfold or fold. These pins slide, in relation to the casing. Appropriate correction is required.

3. Claims 1-11 are objected to because of the following informalities:

- On line 7 of claim 1 it appears that “connect” should be *connected*.
 - As noted above, the term “unfold” does not properly describe the movement imparted by the pushing button to the rod-shaped pins.
 - The last line of claim 1 is narrative and relative without having any basis for comparison.
 - Claim 5 lacks antecedent basis for “the second part” on lines 3-4.
 - On line 6 of claim 9 it appears that “connect” should be *connected*.
 - Claim 7 requires a second slot, but no first slot is disclosed or claimed. In addition, the function and relationships of the first positioning member are uncertain.
 - The meaning of “movable fastening moves” on line 8 of claim 9 is unknown.
 - Contrary to claim 11, the present disclosure does not comprise an embodiment having an output line with a plug connected to a circuit board and also a connector on the circuit board.
- Appropriate corrections are required.

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4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1, 5 and 6 are rejected under 35 U.S.C. 102(b) as being anticipated by Lee. This adapter comprises a casing 1, a first plug 4 with pins 42 pivotally connected to the casing, a second plug 2 with rod-shaped pins 23 connected to a base 21 and a push button 24, a plurality of conductors 5 and a plurality of insertion holes 6. The second plug further includes a rectangular ground pin 23a. In regard to claim 5, see figs. 12 and 13 which show an undercut formed inside of the rod-shaped pins.

7. Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wu '782 in view of Lee. The adapter of Wu comprises a casing 1, a first plug with straight pins 5a, 5b, a second plug with rod-shaped pins 6a, 6b connected to a button 7, a plurality of conductors 31, 32, a plurality of insertion holes 11a, 11b, 11c, and a circuit board 3. Although the first plug and pins disclosed by Wu are not stored inside the housing, Lee teaches that the housing should extend to encompass the pins. Such an arrangement protects the pins when stored and for this reason would have been an obvious alternative to the housing shape of Wu. In regard to claim 3, the first plug includes a base; the base pivots relative to a spring 43a and a cover 15a

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mounted at each end of the base. In regard to claim 4, a positioning sheet 41 with protuberances 42a, 42b is mounted in slots 18 of the covers.

8. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Lee in view of Wu '460. The similar device of Wu teaches that a charger is often desirable in conjunction with an adapter since many appliances used in traveling have batteries that need charging. Therefore, it would have been obvious to include a charger on the adapter of Lee.

9. Claims 9 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Wu '460. This adapter comprises a casing 4, a first plug 5 with pins 5a, 5b pivotally connected to the casing, a second plug with rod-shaped pins 6a, 6b connected to a base 6 and a push button 7, a plurality of conductors 56a, 56b, an output line 44 with a plug 45, and a circuit board 8 with a connector 82b.

10. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wu in view of Groves, et al. The adapter of Groves teaches the use of a winding reel as an alternative to a messy, hanging cord (compare Fig. 1 to Fig. 5). For the same reason, it would have been obvious to include a winding reel for the cord of Wu as taught by Groves.

11. Any response to this action **may be mailed to:**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

or faxed to:
(703) 872-9306

Hand-delivered responses should be brought to:
Crystal Plaza 4, Fourth Floor (Receptionist)
2201 South Clark Place, Arlington, Virginia.

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12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

13. Any inquiry concerning this communication from the examiner should be directed to Mrs. Renee Luebke whose telephone number is (571) 272-2009.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mrs. Paula Bradley, can be reached at (571) 272-2800, extension 33.



Renee S. Luebke
Primary Patent Examiner
February 19, 2004